RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ 10/575,805_

Source: _____ JFWO_

Date Processed by STIC: _____ 02/22/2007_

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RAW SEQUENCE LISTING   DATE: 02/22/2007
PATENT APPLICATION: US/10/575,805   TIME: 13:37:31

Input Set : E:\22329-Sequence Listing.txt
Output Set: N:\CRF4\02222007\J575805.raw

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    3 <110> APPLICANT: Roche Molecular Systems
    5 <120> TITLE OF INVENTION: Method for Distinguishing T(11Q23)MLL-Positive Leukemias
from
    6       T(11Q23)MLL Negative Leukemias
    8 <130> FILE REFERENCE: 22329-US
   10 <140> CURRENT APPLICATION NUMBER: US 10/575,805
C--> 11 <141> CURRENT FILING DATE: 2006-04-13
   13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/012462
   14 <151> PRIOR FILING DATE: 2003-11-04
   16 <160> NUMBER OF SEQ ID NOS: 239
   18 <170> SOFTWARE: PatentIn version 3.4
   20 <210> SEQ ID NO: 1
   21 <211> LENGTH: 491
   22 <212> TYPE: DNA
   23 <213> ORGANISM: Homo sapiens
   26 <220> FEATURE:
   27 <221> NAME/KEY: misc_feature
   28 <223> OTHER INFORMATION: n = any nucleotide
   30 <400> SEQUENCE: 1
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   33 aagaaacaga acactggctc aaagaaaagc aataaaaata agagtggcaa gaaccagttt     120
   35 aacagaggtg gtggccatag aggacgtgga ggattcaata tgcgtggtgg aaatttcaga     180
   37 ggaggagccc ctgggaatcg tggcggatat aataggaggg gcaacatgcc acagagaggt     240
   39 ggtggcggtg gaggaagtgg tggaatcggc tatccatacc ctcgtgcccc tgttttccct     300
   41 ggccgtggta gttactcaaa cagagggaac tacaacagag gtggaatgcc caacagaggg     360
   43 aactacaacc agaacttcag aggacgagga aacaatcgtg gctacaaaaa tcaatctcag     420
   45 ggctacaacc agtggcagca gggtcaattc tggggtcaga agccatggag tcagcattat     480
   47 caccaaggat a                                                          491
   50 <210> SEQ ID NO: 2
   51 <211> LENGTH: 307
   52 <212> TYPE: DNA
   53 <213> ORGANISM: Homo sapiens
   55 <400> SEQUENCE: 2
   56 gaattctcca aaacaatttt ctgcaggatg attgtacaga atcattgctt atgacatgat      60
   58 cgctttctac actgtattac ataaataaat taaataaaat aaccccgggc aagacttttc     120
   60 tttgaaggat gactacagac attaaataat cgaagtaatt ttgggtgggg agaagaggca     180
   62 gattcaattt tctttaacca gtctgaagtt tcatttatga tacaaaagaa gatgaaaatg     240
   64 gaagtggcaa tataagggga tgaggaaggc atgcctggac aaacccttct tttaagatgt     300
   66 gtcttca                                                               307
   69 <210> SEQ ID NO: 3
   70 <211> LENGTH: 519
   71 <212> TYPE: DNA
   72 <213> ORGANISM: Homo sapiens
   74 <400> SEQUENCE: 3
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Input Set : E:\22329-Sequence Listing.txt
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 75 gtttggaact ttaatagcgt tgcaacgaaa tcctatatcc agtttcctgt aatttaattg      60
 77 aagaaaaata catccaaata aagactttat tattaacaga ccagatagca tcagaaatca     120
 79 tgtgactgtt atgattatca gaatatgtct taacttttta gggcaaagtt aacactgaaa     180
 81 gttctagctt aagtgttgaa acttttgtgg gaaaaaaaaa tcacttttga aactcagact     240
 83 tcagtgtata cccaataatt taaaattatg tgaaatgttt taaatttgtg aactcgtaat     300
 85 tactgtttta atgattcagt ttcttcagag tggtaattgt ataaaattgc tattgcagct     360
 87 ttatattcaa tatgatgtgc ctgtaaacca aggagttttc cccgtttgta aaaagacatt     420
 89 gtagataatt gaatgtttga ttttagaaag gtcattagtt tcttgttaca cattttgtta     480
 91 gtctggtttt tgttgcttat cgggtttaat attgttctt                           519
 94 <210> SEQ ID NO: 4
 95 <211> LENGTH: 140
 96 <212> TYPE: DNA
 97 <213> ORGANISM: Homo sapiens
 99 <400> SEQUENCE: 4
100 ctacctatcc tgaatggtct gtcattgtct gcctttaaaa tccttcctct ttcttcctcc      60
102 tctattctct aaataatgat ggggctaagt tatacccaaa gctcacttta caaaatattt     120
104 cctcagtact ttgcagaaaa                                                 140
107 <210> SEQ ID NO: 5
108 <211> LENGTH: 425
109 <212> TYPE: DNA
110 <213> ORGANISM: Homo sapiens
112 <400> SEQUENCE: 5
113 gtcatatcat ttcactgtct aggctacaac aggattctag gtggaggttg tgcatgttgt      60
115 ccttttttatc tgatctgtga ttaaagcagt aatattttaa gatggactgg gaaaaacatc     120
117 aactcctgaa gttagaaata agaatggttt gtaaaatcca cagctatatc ctgatgctgg     180
119 atggtattaa tcttgtgtag tcttcaactg gttagtgtga aatagttctg ccacctctga     240
121 cgcaccactg ccaatgctgt acgtactgca tttgcccctt gagccaggtg gatgtttacc     300
123 gtgtgttata taacttcctg gctccttcac tgaacatgcc tagtccaaca ttttttccca     360
125 gtgagtcaca tcctgggatc cagtgtataa atccaatatc atgtcttgtg cataattctt     420
127 ccaaa                                                                 425
130 <210> SEQ ID NO: 6
131 <211> LENGTH: 454
132 <212> TYPE: DNA
133 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 6
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138 gtgggtgtct tgtgtccgct tctcgcccaa cagcagcaac cctatcatcg tctcctgtgg     120
140 ctgggacaag ctggtcaagg tatggaacct ggctaactgc aagctgaaga ccaaccacat     180
142 tggccacaca ggctatctga acacggtgac tgtctctcca gatggatccc tctgtgcttc     240
144 tggaggcaag gatggccagg ccatgttatg ggatctcaac gaaggcaaac acctttacac     300
146 gctagatggt ggggacatca tcaacgccct gtgcttcagc cctaaccgct actggctgtg     360
148 tgctgccaca ggccccagca tcaagatctg ggatttagag ggaaagatca ttgtagatga     420
150 actgaagcaa gaagttatca gtaccagcag caag                                454
153 <210> SEQ ID NO: 7
154 <211> LENGTH: 373
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 7
159 atcagggtat ttgttccacc ttggccaggc ctcctcggag aagcttgtcc cccgtgtggg      60
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161 agggacggag ccggactgga catggtcact cagtaccgcc tgcagtgtcg ccatgactga   120
163 tcatggctct tgcatttttg ggtaaatgga gacttccgga tcctgtcagg gtgtccccca   180
165 tgcctggaag aggagctggt ggctgccagc cctggcggcg gcacagcctg ggcctcccct   240
167 tccctcaagc cagggctcct cctcctgtcg tgggctcatt tgccaggctc aggccaggtc   300
169 tggacagctg tgactctcct caagccagga ctaccgacca gccggctatg ggcacattac   360
171 gtgaccactg gcc                                                     373
174 <210> SEQ ID NO: 8
175 <211> LENGTH: 494
176 <212> TYPE: DNA
177 <213> ORGANISM: Homo sapiens
179 <400> SEQUENCE: 8
180 agtgccgaca ggacggtcat tgattacaac ggggaacgca cgctggatgg ttttaagaaa   60
182 ttcctagaga gcggtggcca agatggggca ggggatgttg acgacctcga ggacctcgaa   120
184 gaagcagagg agccagacat ggaggaagac gatgaccaga aagctgtgaa agatgaactg   180
186 taatacgcaa agccggaccc gggcgctgcc gagacccctc ggggctgca cacccagcag    240
188 cagcgcacgc ctccgaagcc tgcggcctcg cttgaaggag ggcgtcgccg gaaacccaag   300
190 gaacctctct gaagtgacac ctcacccta cacaccgtcc gttcacccccc gtctcttcct   360
192 tctgctttc ggttttggga aaacccggat cctactctag gcagcccacc ttggtgggct    420
194 tgtttcctga aaccatgatg tacttttca tacatgagtc tgtccagagt gcttgctacc    480
196 gtgttcggag tctc                                                    494
199 <210> SEQ ID NO: 9
200 <211> LENGTH: 434
201 <212> TYPE: DNA
202 <213> ORGANISM: Homo sapiens
204 <400> SEQUENCE: 9
205 cctacttcgg tatctatgac actgcaaagg gaatgcttcc ggatcccaag aacactcaca   60
207 tcgtcatcag ctggatgatc gcacagactg tcactgctgt tgccgggttg acttcctatc   120
209 catttgacac cgttcgccgc cgcatgatga tgcagtcagg gcgcaaagga actgacatca   180
211 tgtacacagg cacgcttgac tgctggcgga agattgctcg tgatgaagga ggcaaagctt   240
213 ttttcaaggg tgcatggtcc aatgttctca gaggcatggg tggtgctttt gtgcttgtct   300
215 tgtatgatga aatcaagaag tacacataag ttatttccta ggattttcc ccctgtgaac    360
217 aggcatgttg tattctataa cacaatcttg agcattcttg acagactcct ggctgtcagt   420
219 ttctcagtgg caac                                                    434
222 <210> SEQ ID NO: 10
223 <211> LENGTH: 416
224 <212> TYPE: DNA
225 <213> ORGANISM: Homo sapiens
227 <400> SEQUENCE: 10
228 gttggttcaa acttttggga gcacggactg tcagttctct gggaagtggt cagcgcatcc   60
230 tgcagggctt ctcctcctct gtcttttgga gaaccagggc tcttctcagg ggctctaggg   120
232 actgccaggc tgtttcagcc aggaaggcca aaatcaagag tgagatgtag aaagttgtaa   180
234 aatagaaaaa gtggagttgg tgaatcggtt gttctttcct cacatttgga tgattgtcat   240
236 aaggttttta gcatgttcct ccttttcttc accctccct ttgttcttct attaatcaag    300
238 agaaacttca aagttaatgg gatggtcgga tctcacaggc tgagaactcg ttcacctcca   360
240 agcatttcat gaaaaagctg cttcttatta atcatacaaa ctctcaccat gatgtg       416
243 <210> SEQ ID NO: 11
244 <211> LENGTH: 415
245 <212> TYPE: DNA
246 <213> ORGANISM: Homo sapiens
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Input Set : **E:\22329-Sequence Listing.txt**
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248 <400> SEQUENCE: 11
249 acccctttgtg aagcccaaga tcgtcaaaaa gagaaccaag aagttcatcc ggcaccagtc      60
251 agaccgatat gtcaaaatta agcgtaactg gcggaaaccc agaggcattg acaacagggt     120
253 tcgtagaaga ttcaagggcc agatcttgat gcccaacatt ggttatggaa gcaacaaaaa     180
255 aacaaagcac atgctgccca gtggcttccg gaagttcctg gtccacaacg tcaaggagct     240
257 ggaagtgctg ctgatgtgca acaaatctta ctgtgccgag atcgctcaca atgtttcctc     300
259 caagaaccgc aaagccatcg tggaaagagc tgcccaactg gccatcagag tcaccaaccc     360
261 caatgccagg ctgcgcagtg aagaaaatga gtaggcagct catgtgcacg ttttc            415
264 <210> SEQ ID NO: 12
265 <211> LENGTH: 423
266 <212> TYPE: DNA
267 <213> ORGANISM: Homo sapiens
269 <400> SEQUENCE: 12
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272 aaggaaaaaa agaaaaaaac cttatctctt gcccttattt tgaatttttcc actctttcat    120
274 taatttgttt taagctcctg ttggaaaaaa aggggtagtg cattttaaat tgaccttcat     180
276 acgctttttaa aataagacaa atctacttga taatgtacct ttatttgatc tcaagttgta     240
278 taaaaccaat aaatttgtgt tactgcagta gtaatcttat gcacacggtg atttcatgtt     300
280 atatatcaa agtaggcaac tgttttctta gttacagaag tttcaagctt cacttttgtg      360
282 cagtagaaac aaaagtaggc tacagtctgt gccatgttga tgtacagttt ctgaaattgt     420
284 ttt                                                                   423
287 <210> SEQ ID NO: 13
288 <211> LENGTH: 358
289 <212> TYPE: DNA
290 <213> ORGANISM: Homo sapiens
292 <400> SEQUENCE: 13
293 tgcttctgga cacctgggac caggtctttg tctgggttgg aaaggattct caagaagaag      60
295 aaaagacaga agccttgact tctgctaagc ggtacatcga gacggaccca gccaatcggg     120
297 atcggcggac gcccatcacc gtggtgaagc aaggctttga gcctccctcc tttgtgggct     180
299 ggttccttgg ctgggatgat gattactggt ctgtggaccc cttggacagg gccatggctg     240
301 agctggctgc ctgaggaggg gcagggccca cccatgtcac cggtcagtgc cttttggaac     300
303 tgtccttccc tcaaagaggc cttagagcga gcagagcagc tctgctatga gtgtgtgt       358
306 <210> SEQ ID NO: 14
307 <211> LENGTH: 529
308 <212> TYPE: DNA
309 <213> ORGANISM: Homo sapiens
311 <400> SEQUENCE: 14
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316 agggtgctcg gacagaattc ttaccacagc aaaggcataa gatgcttgat acggaaaatc     180
318 agaaacttaa ctcttttgtt gcagatagtc atcagtggct ctgtaaaaac gcagaggaaa     240
320 agagccagaa ggtttctgtt taatgcatct tgccttatct tttttttatta ctgtgtacaa    300
322 agatttttttt acacaaagaa acttaatgct gtattaataa attcagtgtg tagcttcaat    360
324 tgggatagtt ccaaaagtga agatttttgtg aggaataagt gcaaattttt tttttatttt    420
326 aaaaaattct ttgaaactct taagtctttg tgtctgcaat gaaattgtac tccttgacag     480
328 ttgatagatt atgtattctt ccatccctca aacttgcatt ccactatat                 529
331 <210> SEQ ID NO: 15
332 <211> LENGTH: 529
333 <212> TYPE: DNA
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Input Set : E:\22329-Sequence Listing.txt
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336  <400> SEQUENCE: 15
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339  ggctgcccga atttgtgcca ataagtacat ggtaaaaagt tgtggcaaag atggcttcca     120
341  tatccgggtg cggctccacc ccttccacgt catccgcatc aacaagatgt tgtcctgtgc     180
343  tggggctgac aggctccaaa caggcatgcg aggtgccttt ggaaagcccc agggcactgt     240
345  ggccagggtt cacattggcc aagttatcat gtccatccgc accaagctgc agaacaagga     300
347  gcatgtgatt gaggccctgc gcagggccaa gttcaagttt cctggccgcc agaagatcca     360
349  catctcaaag aagtgggggct tcaccaagtt caatgctgat gaatttgaag acatggtggc     420
351  tgaaaagcgg ctcatcccag atggctgtgg ggtcaagtac atccccagtc gtggccctct     480
353  ggacaagtgg cgggccctgc actcatgagg gcttccaatg tgctgcccc               529
356  <210> SEQ ID NO: 16
357  <211> LENGTH: 393
358  <212> TYPE: DNA
359  <213> ORGANISM: Homo sapiens
361  <400> SEQUENCE: 16
362  aacactcttg tggtcaagaa atctgatgtg gaggcaatct tttcgaagta tggcaaaatt      60
364  gtgggctgct ctgttcataa gggctttgcc ttcgttcagt atgttaatga gagaaatgcc     120
366  cgggctgctg tagcaggaga ggatggcaga atgattgctg gccaggtttt agatattaac     180
368  ctggctgcag agccaaaagt gaaccgagga aaagcaggtg tgaaacgatc tgcagcggag     240
370  atgtacggct cctcttttga cttggactat gactttcaac gggactatta tgataggatg     300
372  tacagttacc cagcacgtgt acctcctcct cctcctattg ctcgggctgt agtgccctcg     360
374  aaacgtcagc gtgtatcagg aaacacttca cga                                 393
377  <210> SEQ ID NO: 17
378  <211> LENGTH: 496
379  <212> TYPE: DNA
380  <213> ORGANISM: Homo sapiens
382  <400> SEQUENCE: 17
383  taggtatatc ctttggtctt ccacagtcat gttgaggtgg gctccctggt atggtaaaaa      60
385  gccaggtata atgtaacttc accccagcct ttgtactaag ctcttgatag tggatatact     120
387  cttttaagtt tagccccaat atagggtaat ggaaatttcc tgccctctgg gttccccatt     180
389  tttactatta agaagaccag tgataattta ataatgccac caactctggc ttagttaagt     240
391  gagagtgtga actgtgtggc aagagagcct cacacctcac taggtgcaga gagcccaggc     300
393  cttatgttaa aatcatgcac ttgaaaagca aaccttaatc tgcaaagaca gcagcaagca     360
395  ttatacggtc atcttgaatg atccctttga aatttttttt ttgtttgttt gtttaaatca     420
397  agcctgaggc tggtgaacag tagctacaca cccatattgt gtgttctgtg aatgctagct     480
399  ctcttgaatt tggata                                                    496
402  <210> SEQ ID NO: 18
403  <211> LENGTH: 534
404  <212> TYPE: DNA
405  <213> ORGANISM: Homo sapiens
407  <400> SEQUENCE: 18
408  aggtgcagaa tctcggcggg gagcttgttg tctctggggt ggacagcgcc atgtccctga      60
410  tccaggcagc caagaacttg atgaatgctg tggtgcagac agtgaaggca tcctacgtcg     120
412  cctctaccaa ataccaaaag tcacagggta tggcttccct caaccttcct gctgtgtcat     180
414  ggaagatgaa ggcaccagag aaaaagccat tggtgaagag agagaaacag gatgagacac     240
416  agaccaagat taaacgggca tctcagaaga agcacgtgaa cccggtgcag gccctcagcg     300
418  agttcaaagc tatggacagc atctaagtct gcccaggccg gccgcccca ccctcggggg      360
420  ctcctgaata tcagtcactg ttcgtcactc aaatgaattt gctaaataca acactgatac     420
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 02/22/2007
PATENT APPLICATION: US/10/575,805   TIME: 13:37:32

Input Set : E:\22329-Sequence Listing.txt
Output Set: N:\CRF4\02222007\J575805.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:26; N Pos. 174,389
Seq#:32; N Pos. 36
Seq#:33; N Pos. 105,112,127,141
Seq#:40; N Pos. 35
Seq#:55; N Pos. 34,104,141,152,174,177,197,202,204,206,232,235,244,271,303
Seq#:55; N Pos. 312,315,349,354,384,389,400,407,415,423,499
Seq#:72; N Pos. 37,177
Seq#:86; N Pos. 297,298
Seq#:96; N Pos. 321,322
Seq#:122; N Pos. 231
Seq#:124; N Pos. 287
Seq#:156; N Pos. 277
Seq#:160; N Pos. 76
Seq#:163; N Pos. 66
Seq#:165; N Pos. 190,191,192,194,195,196,197,198,199,200,308
Seq#:191; N Pos. 182,475,514,515
Seq#:209; N Pos. 148
Seq#:216; N Pos. 57,58,59,183,303,305,316,389,404
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VERIFICATION SUMMARY   DATE: 02/22/2007
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Input Set : **E:\22329-Sequence Listing.txt**
Output Set: **N:\CRF4\02222007\J575805.raw**

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:360
L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
L:777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:120
L:936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:1297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60
L:1299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:120
L:1301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:180
L:1303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:240
L:1305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:300
L:1307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:360
L:1309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:420
L:1311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:480
L:1684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
L:1688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:120
L:2002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:240
L:2240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:300
L:2836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:180
L:2894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:240
L:3644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:240
L:3744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:60
L:3825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:60
L:3881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:180
L:3885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:300
L:4503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:180
L:4511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:420
L:4513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:480
L:4947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:120
L:5124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
L:5130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:180
L:5134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:300
L:5136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:360
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